

Message Text

UNCLASSIFIED

PAGE 01 STOCKH 00272 201119Z

46

ACTION INR-07

INFO OCT-01 EUR-12 EA-10 ISO-00 OES-05 CCO-00 CIAE-00

OTPE-00 EB-07 FCC-02 NSAE-00 OCE-00 RSC-01 COME-00

BIB-01 TRSE-00 ACDA-10 MC-02 NASA-02 /060 W

----- 093139

R 201050Z JAN 75

FM AMEMBASSY STOCKHOLM

TO SECSTATE WASHDC 3716

INFO AMEMBASSY BONN

AMEMBASSY COPENHAGEN

AMEMBASSY HELSINKI

AMEMBASSY LONDON

AMEMBASSY OSLO

AMEMBASSY OTTAWA

AMEMBASSY PARIS

AMEMBASSY ROME

AMEMBASSY THE HAGUE

AMEMBASSY TOKYO

UNCLAS STOCKHOLM 272

E.O. 11652: N/A

TAGS: PINR, ETEL, ETRD, SW

SUBJECT: FOREIGN SMALL EARTH-STATION TECHNOLOGY ASSESSMENT:
SWEDEN

REF: STATE 282812

1. TELECOMMUNICATIONS ADMINISTRATION (TELEVERKET) OF SWEDISH MINISTRY OF COMMUNICATIONS IS PLANNING TO INSTALL IN STOCKHOLM IN 1977 SMALL EXPERIMENTAL EARTH STATION WITH 3-METER ANTENNA. STATION WILL OPERATE IN CONJUNCTION WITH EXPERIMENTAL GEO-STATIONARY COMMUNICATIONS SATELLITE WHICH EUROPEAN SPACE RESEARCH ORGANIZATION (ESRO) PLANS TO LAUNCH THAT YEAR. PROJECT IS BEING COORDINATED WITH COMMUNICATIONS MINISTRIES IN DENMARK, NORWAY, AND FINLAND WHICH WILL EACH ESTABLISH AT LEAST ONE SIMILAR EARTH STATION. NORDIC STATIONS WILL BE UNCLASSIFIED

UNCLASSIFIED

PAGE 02 STOCKH 00272 201119Z

USED TO EVALUATE PROPAGATION DATA, AS MEANS OF DETERMINING

TYPE AND DIMENSION OF EARTH-STATION ANTENNA BEST SUITED TO ESRO SATELLITE WHICH WILL USE FREQUENCIES TWICE AS HIGH AS INTELSAT SYSTEM DOES. ACCORDING TO TELEVERKET DIVISION CHIEF LENNART HANSSON, EXPERIMENTAL SYSTEM WILL PROBABLY BE FOLLOWED BY COMMERCIAL SYSTEM FOR EUROPE; HANSSON PREDICTED THAT IN 8-10 YEARS THERE WILL BE LARGE DEMAND UNDER THIS SYSTEM FOR EARTH STATIONS WITH 15-20 METER ANTENNAE. SWEDEN WILL HAVE INTEREST IN DEVELOPMENT OF COMMERCIAL SYSTEM FROM 1977-78 ONWARD.

2. HENRY SCHEFTE, DIRECTOR OF ELECTRONICS SYSTEMS R&D FOR TELEFONAKTIEBOLAGET L. M. ERICSSON, INFORMED EMBOFF THAT THE FOUR MINISTRIES HAVE ASKED A NUMBER OF U. S. AND EUROPEAN COMPANIES, INCLUDING HIS OWN, IF THEY WOULD BE INTERESTED IN SUPPLYING EQUIPMENT FOR THE NORDIC STATIONS. MINISTRIES THEMSELVES WILL BE THE PRIME CONTRACTORS. SCHEFTE WAS CERTAIN SCIENTIFIC ATLANTIC WAS AMONG FIRMS QUERIED AND THOUGHT THAT PAGE COMMUNICATIONS, ITT AND PHILCO-FORD MIGHT ALSO HAVE BEEN. L. M. ERICSSON INTENDS TO RESPOND WITH PROPOSALS. SCHEFTE EXPECTED THAT, ON BASIS OF ANSWERS PROVIDED, MINISTRIES MIGHT INVITE COMPANIES TO SUBMIT TENDERS AS EARLY AS MARCH. STRESSING THAT HE DID NOT KNOW HOW MUCH SWEDISH STATION WOULD COST, SCHEFTE VENTURED GUESS THAT COST WOULD BE ABOUT \$200,000. NORDIC GOVERNMENTS ARE NOT TRANSFERRING MONEY TO ESRO FOR THESE STATIONS, BUT ARE PAYING COSTS DIRECTLY.

3. SCHEFTE ADDED THAT SWEDES ARE ABOUT TO MAKE PRELIMINARY PROPAGATION TESTS CLOSE TO STOCKHOLM, USING MICROWAVE TRANSMITTERS AND RECEIVERS ON HIGH MASTS FOR TEST IN SAME FREQUENCY RANGE AS 1977 SYSTEM WILL EMPLOY. SCHEFTE HAS JUST LEARNED FROM HANSSON THAT WINNER OF MAIN CONTRACT FOR THIS PROJECT APPEARS TO BE VARIAN ASSOCIATES OF PALO ALTO, CALIFORNIA, WITH TRANSMISSION LINES, INC. (SIC) AS IMPORTANT SUPPLIER. TENDER LETTERS WERE SENT IN THIS CASE TO SEVERAL OTHER AMERICAN FIRMS, HE UNDERSTOOD, INCLUDING SCIENTIFIC-ATLANTA, MELCOR, AND RAYTHEON.

4. NORWAY, SAID SCHEFTE, PRESENTS BIGGEST CURRENT BUSINESS OPPORTUNITY IN EARTH-STATION AREA. NORWEGIANS ARE WELL ADVANCED IN PLANNING NETWORK OF 20 OR MORE EARTH STATIONS, UNCLASSIFIED

UNCLASSIFIED

PAGE 03 STOCKH 00272 201119Z

VARYING IN COST FROM A FEW HUNDRED THOUSAND TO SEVERAL MILLION DOLLARS EACH, FOR COMMUNICATIONS WITH NORTH SEA OIL PLATFORMS. MOST OF THIS BUSINESS HAS ALREADY BEEN LET, HE THOUGHT. HE BELIEVED THAT SCIENTIFIC-ATLANTA WAS PROMINENT IN DEVELOPMENT OF NORWEGIAN PROGRAM.

5. SCHEFTE ALSO MENTIONED THAT L. M. ERICSSON HAS GOOD RELATIONS WITH HUGHES AIRCRAFT CORPORATION AND HAS BEEN

DISCUSSING SATELLITE COMMUNICATIONS PROJECTS IN INDONESIA AND BRAZIL WITH HUGHES. THE TWO COMPANIES ARE ACTIVELY EXAMINING POSSIBILITY THAT L. M. ERICSSON MIGHT BE SUBCONTRACTOR TO HUGHES IN INDONESIA; L. M. ERICSSON HAS STANDING INVITATION FROM HUGHES FOR EVENTUAL COLLABORATION IN BRAZIL.

6. HANSSON AND SCHEFTE AGREED THAT AT PRESENT L.M. ERICSSON WAS PROBABLY ONLY SWEDISH COMPANY ACTIVE IN EARTH STATION FIELD.

7. EMBASSY WILL SEEK FURTHER DETAILS AND REPORT.
STRAUSZ-HUPE

UNCLASSIFIED

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: TELECOMMUNICATION, INTERGOVERNMENTAL COOPERATION, SPACE STATIONS, SURVEYS
Control Number: n/a
Copy: SINGLE
Draft Date: 20 JAN 1975
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Authority: n/a
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01 JAN 1960
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1975STOCKH00272
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Film Number: D750021-0118
From: STOCKHOLM
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1975/newtext/t19750136/aaaabfly.tel
Line Count: 127
Locator: TEXT ON-LINE, ON MICROFILM
Office: ACTION INR
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 3
Previous Channel Indicators: n/a
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: 75 STATE 282812
Review Action: RELEASED, APPROVED
Review Authority: GolinoFR
Review Comment: n/a
Review Content Flags:
Review Date: 14 APR 2003
Review Event:
Review Exemptions: n/a
Review History: RELEASED <14 APR 2003 by GolinoFR>; APPROVED <13 MAY 2003 by GolinoFR>
Review Markings:

Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
05 JUL 2006

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: FOREIGN SMALL EARTH-STATION TECHNOLOGY ASSESSMENT: SWEDEN
TAGS: PINR, ETEL, ETRD, SW
To: STATE
Type: TE
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 05 JUL 2006